STATUS OF THE CLAIMS

1 – 16 (canceled).

17 (currently amended). A method of producing a product of interest in a plant seed, comprising:

a) providing a transgenic plant comprising a nucleic acid sequence encoding the product of interest operably linked to a promoter region, wherein the promoter region which is a seed-specific promoter region and is selected from the group consisting of SEQ ID NOS: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, and 12~~, as set forth in Figures 1-12~~ and variants thereof that are at least 80% identical to SEQ ID NOS: 1, 2, 3, 4, 5, 6, 7, 7, 9, 10, 11, and 12; and

b) growing the plant under conditions such that the product is produced in a seed of the plant.

18 (currently amended). A method of producing a protein of interest in a plant seed, comprising:

a) providing a transgenic plant comprising a nucleic acid sequence encoding the protein of interest operably linked to a promoter region, wherein the promoter region is a seed-specific promoter region and is selected from the group consisting of SEQ ID NOS: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, and 12~~, as set forth in Figures 1-12~~ and variants thereof that are at least 80% identical to SEQ ID NOS: 1, 2, 3, 4, 5, 6, 7, 7, 9, 10, 11, and 12; and

b) growing the plant under conditions such that the protein is produced in a seed of the plant.

19 (currently amended). A method of expressing a nucleic acid sequence of interest in a plant seed, comprising:

a) providing a transgenic plant comprising a nucleic acid sequence encoding the product of interest operably linked to a promoter region, wherein the promoter region is a seed-specific promoter and is selected from the group consisting of SEQ ID NOS: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, and 12~~, as set forth in Figures 1-12~~ and variants thereof that are at least 80% identical to SEQ ID NOS: 1, 2, 3, 4, 5, 6, 7, 7, 9, 10, 11, and 12; and

b) growing the plant under conditions such that the nucleic acid sequence is expressed in a seed of the plant.

20 (currently amended). An isolated DNA molecule comprising a plant promoter region, wherein the promoter region is a seed-specific promoter and is selected from the group consisting of SEQ ID NOS: 1, 2, 3, 4, 10, and 12~~, as set forth in Figures 1, 2, 3, 4, 10, and 12~~ and variants thereof that are at least 80% identical to SEQ ID NOS: 1, 2, 3, 4, 10, and 12.

21 (original). The DNA molecule of Claim 20, further comprising a heterologous gene operably linked to the plant promoter.

22 (original). The DNA molecule of Claim 21, further comprising a termination sequence.

23 (original). An expression vector, comprising the DNA molecule of Claim 21.

24 (original). A transgenic plant cell, comprising the DNA molecule of Claim 21.

25 (original). A transgenic plant, comprising the DNA molecule of Claim 21.

26 (original). A transgenic seed, comprising the DNA molecule of Claim 21.

27 (new). An isolated DNA molecule comprising a plant promoter region, wherein the promoter region is a seed-specific promoter region and is selected from the group consisting of SEQ ID NOS: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, and 12 and variants thereof that are at least 80% identical to SEQ ID NOS: 1, 2, 3, 4, 5, 6, 7, 7, 9, 10, 11, and 12.

28 (new). The DNA molecule of Claim 27, wherein said promoter region is at least 90% identical to SEQ ID NOS: 1, 2, 3, 4, 5, 6, 7, 7, 9, 10, 11, and 12.

29 (new). The DNA molecule of Claim 27, wherein said promoter region is at least 95% identical to SEQ ID NOS: 1, 2, 3, 4, 5, 6, 7, 7, 9, 10, 11, and 12.

30 (new). The DNA molecule of Claim 27, further comprising a heterologous gene operably linked to the promoter region.

31 (new). The DNA molecule of Claim 30, further comprising a termination sequence.

32 (new). An expression vector, comprising the DNA molecule of Claim 30.

33 (new). A transgenic plant cell, comprising the DNA molecule of Claim 30.

34 (new). A transgenic plant, comprising the DNA molecule of Claim 30.

35 (new). A transgenic seed, comprising the DNA molecule of Claim 30.